| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|---------|--|----------------------|---------------------|---------|------------------|
| S8 | 275455 | (cathode positive near3 electrode) | US-PGPUB; USPAT | OR | ON | 2007/03/12 07:59 |
| S9 | 1623810 | solution solute dissolv\$5 | US-PGPUB; · USPAT | OR . | ON | 2007/03/12 08:58 |
| S10 | 65553 | (mn manganese ni nickel co cobalt) near3 (oxide carbonate) | US-PGPUB; USPAT | OR | ON | 2007/03/12 11:54 |
| S11 | 70154 | (aqueouds solut\$6) with salt near3 (sc scandium ti titanium v vanadium cr chromium mn manganese fe iron co cobalt ni nickel cu copper li lithium na sodium k potassium rb rubidium cs cesium fr francium be beryllium mg magnesium ca calcium sr strontium ba barium ra radium b boron al aluminum) | US-PGPUB; USPAT | OR | ON | 2007/03/12 08:12 |
| S12 | 79487 | (aqueous solut\$6) with salt near3 (sc scandium ti titanium v vanadium cr chromium mn manganese fe iron co cobalt ni nickel cu copper li lithium na sodium k potassium rb rubidium cs cesium fr francium be beryllium mg magnesium ca calcium sr strontium ba barium ra radium b boron al aluminum) | US-PGPUB; USPAT | OR | ON | 2007/03/12 08:12 |
| S13 | 31 | S8 and S9 with S10 same S12 with (precipitat\$5 bond\$4) | US-PGPUB; USPAT | OR | ON | 2007/03/12 10:01 |
| S14 | 179344 | (solution solute dissolv\$5) with (alkaline carbonate hydrogencarbonate hydrocarbonate) | US-PGPUB; USPAT | OR | ON | 2007/03/12 08:59 |
| S15 | 1704 | S10 with S14 | US-PGPUB; USPAT | OR | ON | 2007/03/12 08:59 |
| S16 | 142 | S10 with S14 same (precipitat\$3 with metal) | US-PGPUB; USPAT | OR | ON | 2007/03/12 08:59 |
| S17 | 138 | S16 not S13 | US-PGPUB; USPAT | OR | ON | 2007/03/12 09:00 |
| S18 | 16 | S17 and S8 | US-PGPUB; USPAT | OR | ON | 2007/03/12 09:00 |
| S19 | 138 | S9 with S10 same S12 with (precipitat\$5 bond\$4) not S13 | US-PGPUB; USPAT | OR | ON | 2007/03/12 11:54 |
| S20 | 113 | S10 same (lithium li) near3 (hydro\$4 near3 carbonate) same (cobalt so) near3 (sulfate salt carbonate drip) | US-PGPUB; USPAT | OŘ | ON | 2007/03/12 11:57 |
| S21 | 112 | S20 not S13 | US-PGPUB; USPAT | OR | ON | 2007/03/12 11:56 |

| S22 | 9 | S10 same (lithium li) near3 (hydro\$4 near3 carbonate) same (cobalt so) near3 (sulfate salt | US-PGPUB; USPAT | OR | ON | 2007/03/12 11:57 |
|-----|--------|--|------------------------------|------|-----|------------------|
| | | carbonate drip) same (solution solute precipitat\$3) | | | | |
| S23 | 1 | ("6241959").PN. OR ("6334992"). URPN. | US-PGPUB; USPAT; USOCR | OR . | ON | 2007/03/12 12:03 |
| S24 | 11 | ("5478674" "5498403" "5587139" "5626635" "5635313" "5674643" "5993998" "6013390" "6040090").PN. OR ("6241959").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/12 12:04 |
| S25 | 33 | ("4302518" "5135732" "5370948" "5490320").PN. OR ("5626635").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/12 14:34 |
| S26 | 33 | S25 and (solution process method precipitat\$5 bond\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/12 14:35 |
| S27 | 18 | S25 and (solution precipitat\$5 bond\$4 dissolv\$4 solut\$4) with (process method) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/12 14:42 |
| S28 | | ("5478674" "5498403" "5587139" "5626635" "5635313" "5674643" "5993998" "6013390" "6040090").PN. OR ("6241959").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/12 14:41 |
| S29 | 8 | S28 and (solution precipitat\$5 bond\$4 dissolv\$4 solut\$4) with (process method) not S27 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/12 14:48 |
| S30 | 275455 | (cathode positive near3 electrode) | US-PGPUB; UȘPAT | OR | ·ON | 2007/03/12 14:50 |
| S31 | 3943 | (solution precipitat\$5 bond\$4 dissolv\$4 solut\$4) same (process method) same (alkaline carbonate hydrogencarbonate) near3 solution and S30 | US-PGPUB; USPAT; USOCR | OR . | ON | 2007/03/12 14:50 |
| S32 | 819 | (solution precipitat\$5 bond\$4 dissolv\$4 solut\$4) same (process method) same (alkaline carbonate hydrogencarbonate) near3 solution same S30 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/12 14:51 |
| S33 | 2 | (solution precipitat\$5 bond\$4 dissolv\$4 solut\$4) same (process method) same (alkaline carbonate hydrogencarbonate) near3 solution same S30 same (drip\$4 with precipitat\$5) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/12 14:51 |

| S34 | 17 | (solution precipitat\$5 bond\$4 dissolv\$4 solut\$4) same (process method) same (alkaline carbonate hydrogencarbonate) near3 solut\$4 same (drip\$4 with precipitat\$5) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/12 14:53 |
|-----|------|---|------------------------------|----|----|------------------|
| S35 | 78 | (solution precipitat\$5 bond\$4 dissolv\$4 solut\$4) same (process method) same (alkaline carbonate hydrogencarbonate) near3 solut\$4 same (drip\$4 titrat\$5) with precipitat\$5 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/12 15:06 |
| S36 | 61 | S35 not S34 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/12 14:54 |
| S37 | 456 | (solution precipitat\$5 bond\$4 dissolv\$4 solut\$4) same (alkaline carbonate hydrogencarbonate) near3 solut\$4 and (drip\$4 titrat\$5) with precipitat\$5 | US-PGPUB; USPAT | OR | ON | 2007/03/12 15:07 |
| S38 | 41 | (solution precipitat\$5 bond\$4 dissolv\$4 solut\$4) same (alkaline carbonate hydrogencarbonate) near3 solut\$4 same (nickel ni cobalt co manganese mn) and (drip\$4 titrat\$5) with precipitat\$5 | US-PGPUB; USPAT | OR | ON | 2007/03/12 15:09 |
| S39 | 41 | (solution precipitat\$5 bond\$4 dissolv\$4 solut\$4) same (alkaline carbonate hydrogen adj carbonate) near3 solut\$4 same (nickel ni cobalt co manganese mn) and (drip\$4 titrat\$5) with precipitat\$5 | US-PGPUB; USPAT | OR | ON | 2007/03/12 15:29 |
| S40 | 4 | ("20020122767" "6080510" "62729 26" "6325988").PN. | US-PGPUB; USPAT | OR | ON | 2007/03/12 15:29 |
| S41 | | (US-20050265909-\$ or US-20030022063-\$ or US-20030129495-\$).did. or (US-6660432-\$ or US-6040090-\$ or US-6241959-\$ or US-5626635-\$ or US-6334992-\$ or US-6242134-\$ or US-6132639-\$ or US-4101716-\$ or US-6210834-\$).did. | US-PGPUB; USPAT | OR | ON | 2007/03/14 09:50 |
| S42 | 8 | S41 and alkali\$5 near5 solution | US-PGPUB; USPAT | OR | ON | 2007/03/14 12:10 |
| S43 | 1110 | alkali\$5 near5 solution same (ni nickel mg manganese co cobalt) near5 (oxide carbonate) | US-PGPUB; USPAT | OR | ON | 2007/03/14 13:03 |
| S44 | 396 | alkali\$5 near5 solution same (ni nickel mg manganese co cobalt) near5 (oxide carbonate) and (cathode positive near3 electrode) | US-PGPUB; USPAT | OR | ON | 2007/03/14 13:12 |

| S45 | 215 | alkali\$5 near5 solution same (ni nickel mg manganese co cobalt) near5 (oxide carbonate) and (lithium li) and (cathode positive near3 electrode) | US-PGPUB; USPAT | OR | ON | 2007/03/14 13:20 |
|-----|-----|--|------------------------------|----|------|------------------|
| S46 | 0 | (11/588463).APP. | USPAT; USOCR | OR | ON . | 2007/03/14 13:13 |
| S47 | 60 | alkali\$5 near5 solution same (ni nickel mg manganese co cobalt) near5 (oxide carbonate) same (precipit\$6 bond\$6) and (cathode positive near3 electrode) | US-PGPUB; USPAT | OR | ON | 2007/03/14 13:21 |
| S48 | 22 | ("5198081" "5429890" "5449577" "5478672" "5641468" "5744266" "5807646" "5866279" "5869208" "5874058" "5882821" "5928714" "5948565" "5961950" "6103419" "6110442" "6117410" "6123911" "6168888" "6242134" "6416902").PN. OR ("6551571"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/14 14:13 |
| S49 | 214 | (nickel ni manganese mn cobalt co) near3 (oxide carbonate) with (precipitat\$5 bond\$4) near4 (surface outside) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/14 14:16 |
| S50 | 167 | (nickel ni manganese mn cobalt co) near3 (oxide carbonate) with (precipitat\$5 bond\$4) near4 (surface outside) near6 (sc scandium ti titanium v vanadium cr chromium mn manganese fe iron co cobalt ni nickel cu copper li lithium na sodium k potassium rb rubidium cs cesium fr francium be beryllium mg magnesium ca calcium sr strontium ba barium ra radium b boron al aluminum) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/14 14:45 |
| S51 | 69 | S49 and (cathode electrode near3 positive) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/14 14:19 |
| S52 | 12 | (US-20050265909-\$ or US-20030022063-\$ or US-20030129495-\$ or US-20020197202-\$).did. or (US-6660432-\$ or US-6040090-\$ or US-5626635-\$ or US-6334992-\$ or US-6242134-\$ or US-6132639-\$ or US-4101716-\$ or US-6210834-\$). did. | US-PGPUB; USPAT | OR | ON | 2007/03/14 14:33 |

| S53 | 9 | S52 and (cobalt with (salt sulf\$4)) | US-PGPUB; USPAT | OR | ON | 2007/03/14 14:36 |
|-----|------|---|------------------------------|------|----|------------------|
| S54 | 0 | "20020197202".pn. and (mn manganese) near5 (co cobalt) with (ratio to) | US-PGPUB; USPAT | OR | ON | 2007/03/14 14:37 |
| S55 | 1 | "20020197202".pn. and (mn manganese) with (co cobalt) with (ratio to amount) | US-PGPUB; USPAT | OR | ON | 2007/03/14 14:38 |
| S56 | 146 | (nickel ni cobalt co) near3 (oxide carbonate) with (precipitat\$5 bond\$4) near4 (surface outside) near6 (sc scandium ti titanium v vanadium cr chromium mn manganese fe iron co cobalt ni nickel cu copper li lithium na sodium k potassium rb rubidium cs cesium fr francium be beryllium mg magnesium ca calcium sr strontium | US-PGPUB; USPAT; USOCR | OR . | ON | 2007/03/14 14:50 |
| | | ba barium ra radium b boron al aluminum) | | • | | |
| S57 | 53 | (nickel ni cobalt co) near3 (oxide carbonate lithium li) with (precipitat\$5 bond\$4) near4 (surface outside) near6 (sc scandium ti titanium v vanadium cr chromium mn manganese fe iron co cobalt ni nickel cu copper li lithium na sodium k potassium rb rubidium cs cesium fr francium be beryllium mg magnesium ca calcium sr strontium ba barium ra radium b boron al aluminum) and (cathode positive adj electrode) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/14 14:56 |
| S58 | 7198 | (cobalt co) near6 (oxide carbonate (lithium li) near3 oxide) with (sc scandium ti titanium v vanadium cr chromium mn manganese fe iron ni nickel cu copper li lithium na sodium k potassium rb rubidium cs cesium fr francium be beryllium mg magnesium ca calcium sr strontium ba barium ra radium b boron al aluminum) and (cathode positive adj electrode) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/14 14:57 |

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| S59 | 9431 | (nickel ni) near6 (oxide carbonate (lithium li) near3 oxide) with (sc scandium ti titanium v vanadium cr chromium mn manganese fe iron co cobalt cu copper li lithium na sodium k potassium rb rubidium cs cesium fr francium be beryllium mg magnesium ca calcium sr strontium ba barium ra radium b boron al aluminum) and (cathode positive adj electrode) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/14 14:58 |
|-----|-------|--|------------------------------|----|----|------------------|
| S60 | 4403 | (nickel ni) near6 (oxide carbonate (lithium li) near3 oxide) with (sc scandium ti titanium v vanadium cr chromium mn manganese fe iron co cobalt cu copper li lithium na sodium k potassium rb rubidium cs cesium fr francium be beryllium mg magnesium ca calcium sr strontium ba barium ra radium b boron al aluminum) same (cathode positive adj electrode) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/14 14:59 |
| S61 | 2689 | (nickel ni) near6 (oxide carbonate (lithium li) near3 oxide) with (sc scandium ti titanium v vanadium cr chromium mn manganese fe iron co cobalt cu copper li lithium na sodium k potassium rb rubidium cs cesium fr francium be beryllium mg magnesium ca calcium sr strontium ba barium ra radium b boron al aluminum) with (cathode positive adj electrode) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/14 15:00 |
| S62 | 1951 | (nickel ni) near6 (oxide carbonate (lithium li) near3 oxide) with (co cobalt mn manganese al aluminum) with (cathode positive adj electrode) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/14 15:02 |
| S63 | 1649 | S62 and ("423"/\$.ccls. "429"/\$.ccls. 29/23.1-623.5.ccls.) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/14 15:01 |
| S64 | 933 | (nickel ni) near6 ((lithium li) near3 oxide) with (co cobalt mn manganese al aluminum) with (cathode positive adj electrode) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/14 15:02 |
| S65 | . 552 | (nickel ni) near6 ((lithium li) near3 oxide) with (co cobalt mn manganese al aluminum) with (cathode positive adj electrode) with active near2 material | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/14 15:03 |

| | | | | | ····· | |
|-----|-----|---|--------------------|------|-------|------------------|
| S66 | 552 | (nickel ni) near6 ((lithium li) near3 oxide) with (co cobalt mn manganese al aluminum) with (cathode positive adj electrode) with active near2 material | US-PGPUB; USPAT | OR | ON | 2007/03/14 15:04 |
| S67 | 4 | (nickel ni) near6 ((lithium li) near3 oxide) with (co cobalt mn manganese al aluminum) near3 (dop\$4 additive) with (cathode positive adj electrode) with active near2 material | US-PGPUB; USPAT | OR | ON | 2007/03/14 15:05 |
| S68 | 24 | (nickel ni) near6 ((lithium li) near3 oxide) with (co cobalt mn manganese al aluminum) near3 (dop\$4 additive) and (cathode positive adj electrode) | US-PGPUB; USPAT | OR | ON | 2007/03/14 15:04 |
| S69 | 24 | (nickel ni) near6 ((lithium li) near3 oxide) with (co cobalt mn manganese al aluminum) near3 (dop\$4 additive) and (cathode positive adj electrode) | US-PGPUB; USPAT | OR | ON | 2007/03/14 15:10 |
| S70 | 21 | (co cobalt) near6 ((lithium li) near3 oxide) with (nickel ni mn manganese al aluminum) near3 (dop\$4 additive) and (cathode positive adj electrode) not S69 | US-PGPUB; USPAT | OR · | ON | 2007/03/14 15:32 |
| S71 | 2 | lithium near3 cobaltate with (nickel ni mn manganese al aluminum) near3 (dop\$4 additive) and (cathode positive adj electrode) not S69 | US-PGPUB; USPAT | OR | ON | 2007/03/14 15:34 |
| S72 | 21 | lithium near3 cobalt near3 oxide with (nickel ni mn manganese al aluminum) near3 (dop\$4 additive) and (cathode positive adj electrode) not S70 | US-PGPUB; USPAT | OR | ON | 2007/03/14 15:34 |